

BOARD MEETING DATE: March 1, 2013

AGENDA NO. 15

REPORT: Rule and Control Measure Forecast

SYNOPSIS: This report highlights SCAQMD rulemaking activity and public workshops potentially scheduled for the year 2013.

COMMITTEE: No Committee Review

RECOMMENDED ACTION:  
Receive and file.

Barry R. Wallerstein, D.Env.  
Executive Officer

EC:LT:cg

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The Rule and Control Measure Forecast Report provides the Board with a monthly update of SCAQMD's rulemaking and control measure implementation schedule.

219 222	Equipment Not Requiring a Written Permit Pursuant to Regulation II Filing Requirements for Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation II
Rules 219 & 222 are being moved to May from April to allow for completion of the CEQA process. A full Environmental Assessment was required to analyze the impacts of the proposed amendments.	
1304.1	Electrical Generating Facility Annual Fee for Use of Offset Exemption
Proposed Rule 1304.1 is being moved to May from April to provide for further stakeholder input.	
Reg. III	Fees
Reg. III is moved to September from May to provide additional time for addressing new fee issues (i.e., GHG Prevention of Significant Deterioration permitting fees) and receiving stakeholder input.	

## 2013 MASTER CALENDAR (continued)

Below is a list of all rulemaking activity scheduled for the year 2013. The last four columns refer to the type of rule adoption or amendment. A more detailed description of the proposed rule adoption or amendment is located in the Attachments (A through D) under the type of rule adoption or amendment (i.e. AQMP, Toxics, Other and Climate Change).

*\*An asterisk indicates that the rulemaking is a potentially significant hearing.*

*+This proposed rule will reduce criteria air contaminants and assist toward attainment of ambient air quality standards.*

*<sup>1</sup>Subject to Board approval*

*California Environmental Quality Act shall be referred to as "CEQA."*

*Socioeconomic Analysis shall be referred to as "Socio."*

### 2013

<b>April</b>		<b>AQMP</b>	<b>Toxics</b>	<b>Other</b>	<b>Climate Change</b>
1114 <sup>*,+</sup>	Control of Emissions from Refinery Coking Operations (MCS-07)	√			
1148.2	Notification and Reporting Requirements for Oil and Gas Wells and Chemical Suppliers		√		
<b>May</b>					
219 <sup>1</sup>	Equipment Not Requiring a Written Permit Pursuant to Regulation II			√	
222 <sup>1</sup>	Filing Requirements for Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation II			√	
444	Open Burning (BCM-02)	√			
445	Wood Burning Devices (BCM-01)	√			
1304.1 <sup>1</sup>	Electrical Generating Facility Annual Fee for Use of Offset Exemption			√	
<b>June</b>					
2301	Control of Emissions from New or Redevelopment Projects (EGM-01)	√			
<b>July</b>					
1123	Improved Start-up, Shutdown and Turnaround Procedures (MCS-03)	√			

## 2013 MASTER CALENDAR (continued)

**2013**

<b>September</b>		<b>AQMP</b>	<b>Toxics</b>	<b>Other</b>	<b>Climate Change</b>
Reg. III <sup>1</sup>	Fees			√	
Reg. XX	Regional Clean Air Incentives Market (RECLAIM) (CMB-01)	√			
<b>October</b>					
1168	Adhesive and Sealant Applications			√	
1420	Emissions Standard for Lead		√		
1420.2	Emission Standards for Lead from Medium Sources		√		
4010 <sup>*+</sup>	General Provisions and Requirements for Ports of Los Angeles and Long Beach (IND-01)	√	√		
4020 <sup>*+</sup>	Backstop Requirements for Ports of Los Angeles and Long Beach (IND-01)	√	√		
<b>November</b>					
1130	Graphic Arts (CTS-02)	√			
1146	Emission of Oxides of Nitrogen from Industrial, Institutional and Commercial Broilers, Steam Generators, and Process Heaters			√	
1146.1	Emissions of Oxides of Nitrogen from Small Industrial Institutional, and Commercial Boilers, Steam Generators and Process Heaters			√	
2305	Indirect Sources		√	√	
<b>December</b>					
415	Odors from Rendering Plants			√	

## 2013 TO-BE DETERMINED

<b>TBD</b>		<b>AQMP</b>	<b>Toxics</b>	<b>Other</b>	<b>Climate Change</b>
314	Fees for Architectural Coatings			√	

## 2013 MASTER CALENDAR (continued)

### 2013 TO-BE DETERMINED

TBD		AQMP	Toxics	Other	Climate Change
463	Storage of Organic Liquids			√	
1107 <sup>+</sup>	Coating of Metal Parts and Products	√			
1118	Control of Emissions from Refinery Flares			√	√
1144	Metalworking Fluids and Direct-Contact Lubricants			√	
1147	NOx Reductions from Miscellaneous Sources			√	
1148	Thermally Enhanced Oil Recovery Wells		√		
1148.1	Oil and Gas Production Wells		√		
1151 <sup>*+</sup>	Motor Vehicle and Mobile Equipment Non-Assembly Line Coating Operations			√	
1153.1	Emissions of Oxides of Nitrogen from Commercial Food Ovens			√	
1155	Particulate Matter (PM) Control Devices			√	
1166	Volatile Organic Compound Emissions from Decontamination of Soil			√	
1171	Solvent Cleaning Operations (CTS-02)			√	
1173	Control of Volatile Organic Compound Leaks and Releases From Components at Petroleum Facilities and Chemical Plants			√	√
1190 Series	Fleet Vehicle Requirements			√	
Reg. XIII	New Source Review			√	

## 2013 MASTER CALENDAR (continued)

### 2013 TO-BE DETERMINED

TBD	(continued)	AQMP	Toxics	Other	Climate Change
1469	Hexavalent Chromium Emissions From Chromium Electroplating and Chromic Acid Anodizing Operations		√		
1469.1	Spraying Operations Using Coatings Containing Chromium		√		
1902	Transportation Conformity	√			
Reg. XX	Regional Clean Air Incentives Market (RECLAIM)			√	
2511	Credit Generation Program for Locomotive Head End Power Unit Engines			√	
2512	Credit Generation Program for Ocean-Going Vessels at Berth			√	
Reg. XXVII	Climate Change				√
Reg. IV, IX, X, XI, XIV, XX and XXX Rules	Various rule amendments may be needed to meet the requirements of state and federal laws, address variance issues/technology-forcing limits, or to seek additional reductions to meet the SIP short-term measure commitment. The Clean Communities Plan (CCP) has been updated to include new measures to address toxic emissions in the basin. The CCP includes a variety of measures that will reduce exposure to air toxics from stationary, mobile, and area sources. Rule amendments may include updates to provide consistency with CARB Statewide Air Toxic Control Measures.	√	√	√	√

Note: SCAQMD may add control measures necessary to satisfy federal requirements, to abate a substantial endangerment to public health or welfare, state regulatory requirements or SIP commitment.

# ATTACHMENT A

## AQMP Rule Activity Schedule

This attachment lists those control measures that are being developed into rules or rule amendments for the Governing Board consideration that are designed to implement the amendments to the 2007 and 2012 Air Quality Management Plans.

**2013**

<b>April</b>	
1114 <sup>*+</sup>	<p><b>Control of Emissions from Refinery Coking Operations</b>  <i>[Projected Emission Reduction: TBD]</i>  Proposed Rule 1114 will establish emission limits and other requirements for the operation of coking units at petroleum refineries.  <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
<b>May</b>	
444	<p><b>Open Burning (BCM-02)</b>  <i>[Projected Emission Reduction: TBD]</i></p>
445	<p><b>Wood Burning Devices (BCM-01)</b>  <i>[Projected Emission Reduction: up to 7.1 tons PM2.5 per day based on winter emissions inventory]</i>  Proposed amendments to Rule 444 (Open Burning) would implement control measure BCM-02 from the 2012 AQMP by aligning burn day restrictions to be consistent with SCAQMD Rule 445 residential burning restrictions in the winter. Additional revisions are intended to improve rule clarity and effectiveness.  Proposed amendments to Rule 445 (Wood-Burning Devices) would implement control measure BCM-01 from the 2012 AQMP by lowering the ambient PM2.5 concentration threshold used for forecasting wood burning curtailment days and would also establish the criteria used to forecast a Basin-wide curtailment day. Additional revisions are intended to improve rule clarity and effectiveness.  <i>Phil Fine 909.396.2239 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>

# ATTACHMENT A

## AQMP Rule Activity Schedule (continued)

2013

June	
2301	<p><b>Control of Emissions from New or Redevelopment Projects (EGM-01)</b>  <i>[Projected Emission Reduction: Committed to reduce 0.5 tons per day of VOC, 0.8 tons per day of NOx, and 0.5 tons per day of PM2.5 in 2023.]</i>  The proposed rule will implement the 2007 AQMP Control Measure EGM-01 – Emission Reductions from New or Redevelopment Projects. Since the initial proposal was released for PR 2301, CARB in compliance with an SB 375 requirement has set greenhouse gas emission reduction targets for each metropolitan planning organization (MPO). SCAG’s 2012 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) contains the plan for how these target emission reductions will be met. In light of this development, PR 2301 will be drafted as a backstop/contingency measure to ensure that the co-benefits of VOC, NOx, and PM 2.5 emission reductions from the SCS will meet the 2007 AQMP targets.  <i>Carol Gomez 909.396.3264 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
July	
1123	<p><b>Improved Start-up, Shutdown and Turnaround Procedures (MCS-03)</b>  <i>[Projected Emission Reduction: TBD]</i>  Proposed Rule 1123 will, if needed, implement Phase 1 of control measure MCS-03 of the 2012 AQMP by establishing procedures that better quantify emission impacts from start-up, shutdown or turnarounds.  <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
September	
Reg. XX	<p><b>Regional Clean Air Incentives Market (RECLAIM)</b>  <i>[Projected Emission Reduction: 3-5 TPD]</i>  Proposed amendments to Regulation XX will seek to implement a minimum contingency measure CMB-01 of the 2012 AQMP and possibly Phase II of the control measure if the technology assessment can be completed within the allotted time for this rulemaking.  <i>Joe Cassmassi 909.396.3155 909.396.3155 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>

# ATTACHMENT A

## AQMP Rule Activity Schedule (continued)

2013

October	
4010 <sup>*+</sup>	<b>General Provisions and Requirements for Ports of Los Angeles and Long Beach (IND-01)</b>
4020 <sup>*+</sup>	<b>Backstop Requirements for Ports of Los Angeles and Long Beach (IND-01)</b> <i>[Projected Emission Reduction: TBD]</i> If triggered, the proposed rules will address cost-effective NO <sub>x</sub> , SO <sub>x</sub> , and PM <sub>2.5</sub> emission reduction strategies from port-related sources to ensure emission reductions claimed or emission targets assumed in the AQMP are maintained. <i>Randall Pasek 909.396.2251 CEQA: Smith (3054) Socio: Lieu (3059)</i>
November	
1130	<b>Graphic Arts (CTS-02)</b> <i>[Projected Emission Reduction: TBD]</i> The proposed amendment will review fountain solutions and other technologies to align requirements with existing rules and U.S. EPA's CTG recommendations. <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i>

## To-Be Determined 2013

To-Be Determined	
1107 <sup>+</sup>	<b>Coating of Metal Parts and Products</b> <i>[Projected Emission Reduction: TBD]</i> Amendments to Rule 1107 would further reduce VOC emissions and improve rule clarity and enforceability. <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i>
1902	<b>Transportation Conformity</b> <i>[Projected Emission Reduction: TBD]</i> Amendments to Rule 1902 will bring the District's Transportation Conformity rule in line with current U.S. EPA requirements. <i>Carol Gomez 909.396.3264 CEQA: Smith (3054) Socio: Lieu (3059)</i>
Reg. IV, IX, X, XI, XIV, XX and XXX Rules	Various rule amendments may be needed to meet the requirements of state and federal laws, address variance issues/technology-forcing limits, or to seek additional reductions to meet the SIP short-term measure commitment.



# ATTACHMENT B

## Toxics Rule Activity Schedule

This attachment lists those rules or rule amendments for the Governing Board consideration that are designed to implement the Air Toxics Control Plan.

2013

April	
1148.2	<p><b>Notification and Reporting Requirements for Oil and Gas Wells and Chemical Suppliers</b>  <i>[Projected Emission Reduction: TBD]</i>  Proposed Rule 1148.2 will propose reporting and public notification requirements for oil and gas production activities when hydraulic fracturing is used.  Susan Nakamura 909.396.3105 CEQA: Smith (3054) Socio: Lieu (3059)</p>
October	
1420 1420.2	<p><b>Emissions Standard for Lead</b>  <b>Emission Standards for Lead from Medium Sources</b>  <i>[Projected Emission Reduction: TBD]</i>  In October 2008, U.S. EPA lowered the National Ambient Air Quality Standard for lead from 1.5 to 0.15 ug/m3. Proposed Amended Rule 1420 and Proposed Rule 1420.2 will apply to lead sources and will include requirements to ensure the Basin meets the new lead standard.  Susan Nakamura 909.396.3105 CEQA: Smith (3054) Socio: Lieu (3059)</p>
4010 <sup>*+</sup> 4020 <sup>*+</sup>	<p><b>General Provisions and Requirements for Ports of Los Angeles and Long Beach (IND-01)</b>  <b>Backstop Requirements for Ports of Los Angeles and Long Beach (IND-01)</b>  <i>[Projected Emission Reduction: TBD]</i>  If triggered, the proposed rules will address cost-effective NOx, SOx, and PM2.5 emission reduction strategies from port-related sources to ensure emission reductions claimed or emission targets assumed in the AQMP are maintained.  Randall Pasek Nakamura 909.396.2251 CEQA: Smith (3054) Socio: Lieu (3059)</p>
November	
2305 <sup>*</sup>	<p><b>Indirect Sources</b>  <i>[Projected Emission Reduction: TBD]</i>  Proposed Rule 2305 will identify approaches to reduce exposure to diesel particulate emissions and localized NO2 emissions from facilities associated with large indirect sources (i.e. facilities that attract mobile sources).  Susan Nakamura 909.396.3105 CEQA: Smith (3054) Socio: Lieu (3059)</p>

## ATTACHMENT B

### Toxics Rule Activity Schedule (continued)

#### To-Be Determined 2013

To-Be Determined	
1148 1148.1	<b>Thermally Enhanced Oil Recovery Wells</b> <b>Oil And Gas Production Wells</b> <i>[Projected Emission Reduction: TBD]</i> Rules 1148 and 1148.1 will be evaluated to determine if additional requirements need to be added to address hydraulic fracturing activities. <i>Susan Nakamura 909.396.3105 CEQA: Smith (3054) Socio: Lieu (3059)</i>
1469 1469.1	<b>Hexavalent Chromium Emissions From Chromium Electroplating and Chromic Acid Anodizing Operations</b> <b>Spraying Operations Using Coatings Containing Chromium</b> <i>[Projected Emission Reduction: TBD]</i> Staff will evaluate opportunities for reducing chrome emissions from various spray coating operations. <i>Susan Nakamura 909.396.3105 CEQA: Smith (3054) Socio: Lieu (3059)</i>
Reg. IV, IX, X, XI, XIV, XX and XXX Rules	Various rule amendments may be needed to meet the requirements of state and federal laws, address variance issues/technology-forcing limits. Rule amendments may include updates to provide consistency with CARB Statewide Air Toxic Control Measures.

# ATTACHMENT C

## Other Rule Activity Schedule

This attachment lists those rules or rule amendments for the Governing Board consideration that are designed to improve rule enforceability, SIP corrections, or implementing state or federal regulations.

**2013**

May	
219 <sup>1</sup>  222 <sup>1</sup>	<p><b>Equipment Not Requiring a Written Permit Pursuant to Regulation II</b></p> <p><b>Filing Requirements for Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation II</b>  <i>[Projected Emission Reduction: N/A]</i>            Staff will consider exempting low-emitting processes/equipment that require written permits, and include them under the Rule 222 Filing Program, thus streamlining the permitting process and reducing the cost for facilities and clarify permitting requirements for several other processes.  <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
1304.1 <sup>1</sup>	<p><b>Electrical Generating Facility Annual Fee for Use of Offset Exemption</b>  <i>[Projected Emission Reduction: N/A]</i>            The proposed rule will establish an approach to assess fees for equipment, facilities, and processes currently exempted from the New Source Review Program offset requirements under Rule 1304, paragraph (a)(2).  <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
September	
Reg. III <sup>1</sup>	<p><b>Fees</b>  <i>[Projected Emission Reduction: N/A]</i>            Proposed amendments to Reg. III are intended to align fee revenues to recover SCAQMD program costs.  <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
October	
1168	<p><b>Adhesive and Sealant Applications (CTS-02)</b>  <i>[Projected Emission Reduction: N/A]</i>            Amendments to Rule 1168 will partially implement CTS-02 and reflect improvements in adhesive and sealants technology.  <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>

## ATTACHMENT C

### Other Rule Activity Schedule (continued)

**2013**

<b>November</b>	
1146	<b>Emission of Oxides of Nitrogen from Industrial, Institutional and Commercial Broilers, Steam Generators, and Process Heaters</b>
1146.1	<b>Emissions of Oxides of Nitrogen from Small Industrial, Institutional and Commercial Boilers, Steam Generators, and Process Heaters</b> <i>[Projected Emission Reduction: unknown]</i> Proposed amendments will address expected U.S. EPA comments on compliance issues. <i>Joe Cassmassi 909.396.3155 909.396.3155 CEQA: Smith (3054) Socio: Lieu (3059)</i>
2305*	<b>Indirect Sources</b> <i>[Projected Emission Reduction: TBD]</i> Proposed Rule 2305 will identify approaches to reduce exposure to diesel particulate emissions and localized NO <sub>2</sub> emissions from facilities associated with large indirect sources (i.e. facilities that attract mobile sources). <i>Susan Nakamura 909.396.3105 CEQA: Smith (3054) Socio: Lieu (3059)</i>
<b>December</b>	
415	<b>Odors from Rendering Plants</b> <i>[Projected Emission Reduction: TBD]</i> Proposed Rule 415 will address odors from rendering plants. <i>Susan Nakamura 909.396.3105 CEQA: Smith (3054) Socio: Lieu (3059)</i>

### To-Be Determined 2013

<b>To-Be Determined</b>	
314	<b>Fees of Architectural Coatings</b> <i>[Projected Emission Reduction: TBD]</i> The proposed amendments would improve clarity and reporting requirements as well as consider an exemption from fees for small manufacturers. <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i>
463	<b>Storage of Organic Liquids</b> <i>[Projected Emission Reduction: TBD]</i> Staff will evaluate the opportunity of harmonizing Rules 463 and 1178 into one and be prepared to address any stakeholder feedback in response to recent amendments to Rule 463. <i>Susan Nakamura 909.396.3154 CEQA: Smith (3054) Socio: Lieu (3059)</i>

# ATTACHMENT C

## Other Rule Activity Schedule (continued)

### To-Be Determined 2013

To-Be Determined	
1118	<p><b>Control of Emissions from Refinery Flares</b>  <i>[Projected Emission Reduction: TBD]</i>            Amendments may be necessary to address results of the additional analysis required by the adopting resolution for the last amendment. Amendments may also be necessary to implement an AB 32 measure.  <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
1144	<p><b>Metalworking Fluids and Direct-Contact Lubricants</b>  <i>[Projected Emission Reduction: N/A]</i>            Proposed amendments may be necessary to incorporate results from ongoing technology assessments for specific facilities.  <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
1147	<p><b>NOx Reductions from Miscellaneous Sources</b>  <i>[Projected Emission Reduction: N/A]</i>            Proposed amendments will provide ongoing staff reports to committee relative to impacts to less-than-one-ton-per-day sources.  <i>Joe Cassmassi 909.396.3155 909.396.3155 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
1151 <sup>*+</sup>	<p><b>Motor Vehicle and Mobile Equipment Non-Assembly Line Coating Operations</b>  <i>[Projected Emission Reduction: N/A]</i>            Amendments to the rule may be necessary to reflect further findings relative to recordkeeping requirements for tertiary butyl acetate (TBAC).  <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
1153.1	<p><b>Emissions of Oxides of Nitrogen from Commercial Food Ovens</b>  <i>Projected Emission Reduction: N/A]</i>            Proposed Rule 1153.1 will establish equipment specific nitrogen oxides emission limits and other requirements for the operation of commercial food ovens.  <i>Joe Cassmassi 909.396.31553 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
1155	<p><b>Particulate Matter (PM) Control Devices</b>  <i>[Projected Emission Reduction: TBD]</i>            With the implementation of Rule 1155, amendments may be necessary to address the potential exemption of small PM emitters to minimize adverse impacts of the rule requirements where there is no real impact on visible emissions.  <i>Philip Fine 909.396.2239 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
1166	<p><b>Volatile Organic Compound Emissions from Decontamination of Soil</b>  <i>[Projected Emission Reduction: N/A]</i>            Amendments to Rule 1166 may be necessary to clarify certain elements of the rule.  <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>

# ATTACHMENT C

## Other Rule Activity Schedule (continued)

### To-Be Determined 2013

<b>To-Be Determined</b>	<b>(continued)</b>
1171	<p><b>Solvent Cleaning Operations</b>  <i>[Projected Emission Reduction: N/A]</i>            The proposed amendment may consider technology assessments for the cleanup of affected equipment.  <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
1173	<p><b>Control of Volatile Organic Compound Leaks and Releases from Components at Petroleum Facilities and Chemical Plants</b>  <i>[Projected Emission Reduction: TBD]</i>            Amendment to Rule 1173 may be necessary to address greenhouse gas emissions from petroleum facilities and chemical plants and clarify other provisions of the rule.  <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
1190 Series	<p><b>Fleet Vehicle Requirements</b>  <i>[Projected Emission Reduction: TBD]</i>            Amendments to Rule 1190 series fleet rules may be necessary to address remaining outstanding implementation issues and in the event the court's future action requires amendments. In addition, the current fleet rules may be expanded to achieve additional air quality and air toxic benefits.  <i>Dean Saito 909.396.2647 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
Reg. XIII	<p><b>New Source Review</b>  <i>[Projected Emission Reduction: TBD]</i>            Proposed amendments will address U.S. EPA comments on SIP approvability issues and/or requirements that may result from U.S. EPA amendments, legislation or CARB requirements. Amendments may also be proposed for clarity and improved enforceability.  <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
Reg. XX	<p><b>Regional Clean Air Incentives Market (RECLAIM)</b>  <i>[Projected Emission Reduction: N/A]</i>            Staff will explore opportunities to improve the administrative efficiency of the program.  <i>Joe Cassmassi 909.396.3155 909.396.3155 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
2511	<p><b>Credit Generation Program for Locomotive Head End Power Unit Engines</b>  <i>[Projected Emission Reduction: TBD]</i>            Develop a rule to allow generation of PM mobile source emission reduction credits from Locomotive Head End Power Unit Engines. Credits will be generated by retrofitting engines with PM controls or replacing the engines with new lower-emitting engines.  <i>Randall Pasek 909.396.2251 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>

## ATTACHMENT C

### Other Rule Activity Schedule (continued)

#### To-Be Determined 2013

<b>To-Be Determined</b>	<b>(continued)</b>
2512	<b>Credit Generation Program for Ocean-Going Vessels at Berth</b> <i>[Projected Emission Reduction: TBD]</i> Develop a rule to allow generation of PM, NOx and SOx emission reduction credits from ocean-going vessels while at berth. Credits will be generated by controlling the emissions from auxiliary engines and boilers of ships while docked. <i>Randall Pasek 909.396.2251 CEQA: Smith (3054) Socio: Lieu (3059)</i>
Reg. IV, IX, X, XI, XIV, XX and XXX Rules	Various rule amendments may be needed to meet the requirements of state and federal laws, address variance issues/technology-forcing limits.

## ATTACHMENT D

### Climate Change

This attachments lists rules or rule amendments for the Governing Board consideration that are designed to implement South Coast Air Quality Managements District's Climate Change Policy or for consistency with state or federal rules.

#### To-Be Determined 2013

<b>To-Be Determined</b>	
1118	<b>Control of Emissions from Refinery Flares</b> <i>[Projected Emission Reduction: TBD]</i> Amendments may be necessary to address findings from the additional analysis required by the adopting resolution for the last amendment. Amendments may also be necessary to implement an AB 32 measure. <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i>
1173	<b>Control of Volatile Organic Compound Leaks and Releases from Components at Petroleum Facilities and Chemical Plants</b> <i>[Projected Emission Reduction: TBD]</i> Amendment to Rule 1173 may be necessary to address greenhouse gas emissions from petroleum facilities and chemical plants and clarify other provisions of the rule. <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i>
Reg. XXVII	<b>Climate Change</b> <i>[Projected Emission Reduction: TBD]</i> Additional protocols may be added to Rules 2701 and 2702. <i>Philip Fine 909.396.2239 CEQA: Smith (3054) Socio: Lieu (3059)</i>
Reg. IV, IX, X, XI, XIV, XX and XXX Rules	Various rule amendments may be needed to meet the requirements of state and federal laws to address variance issues/technology-forcing limits.